

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019308.D
 Acq On : 28 Aug 2024 02:34
 Operator : SY/MD
 Sample : P3717-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Aug 28 03:36:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	70908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	127660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	115834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	46154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	37488	52.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.480%
35) Dibromofluoromethane	7.628	113	40799	48.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.103	98	145826	48.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.408	95	43668	42.644	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.280%

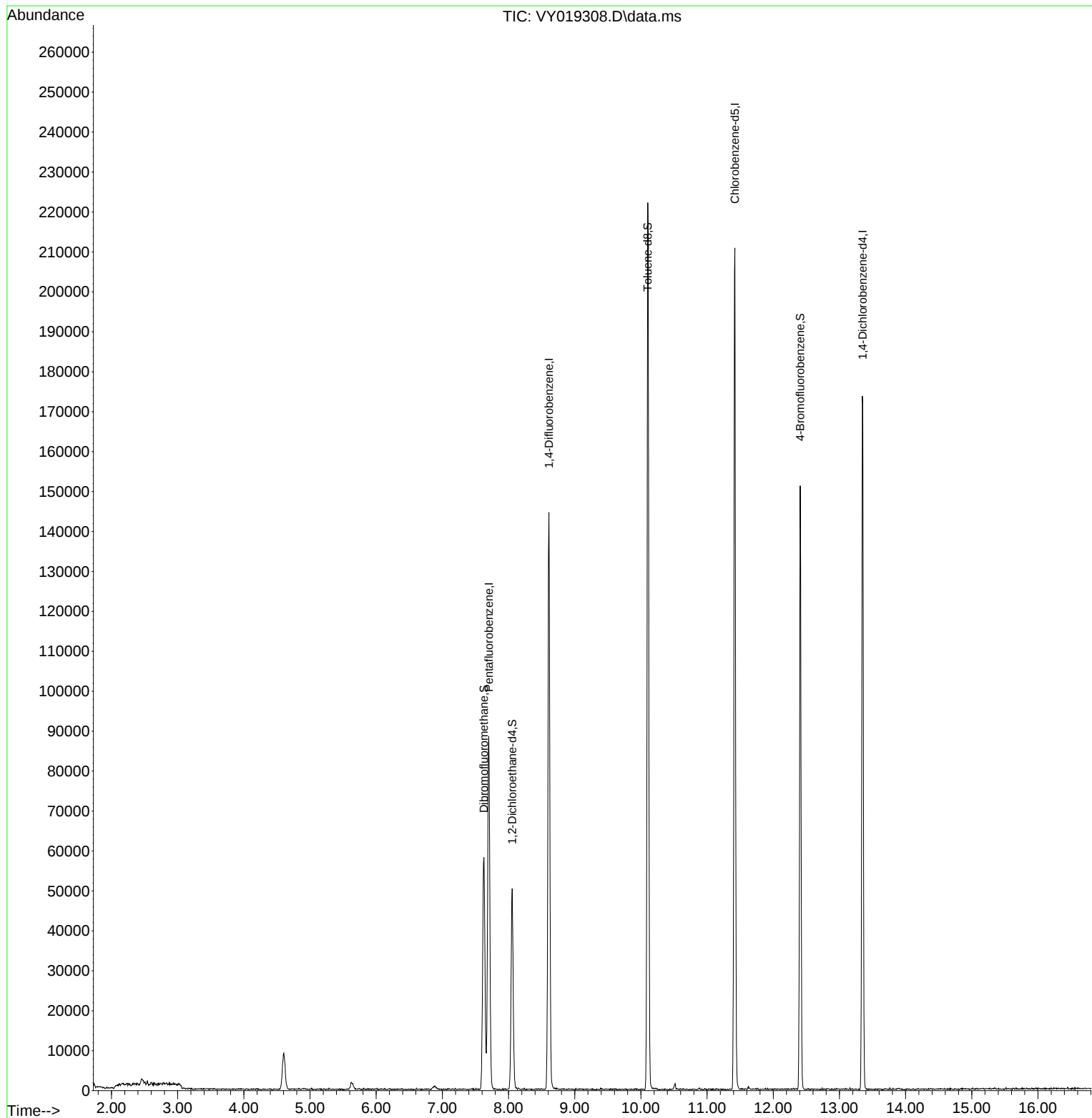
Target Compounds	Qvalue

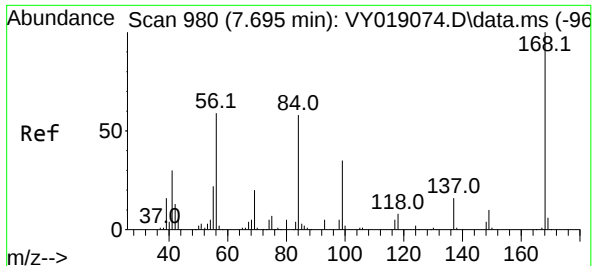
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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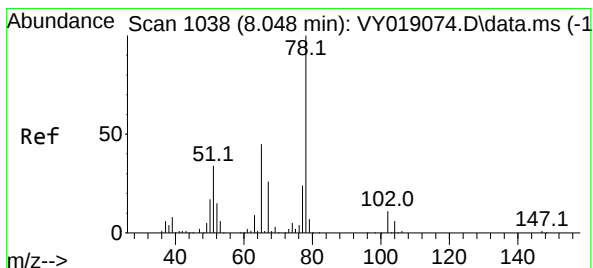
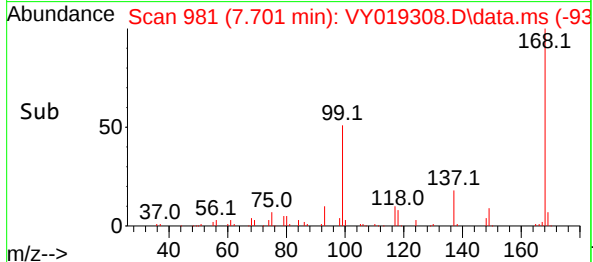
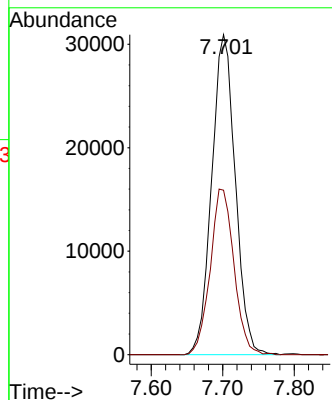
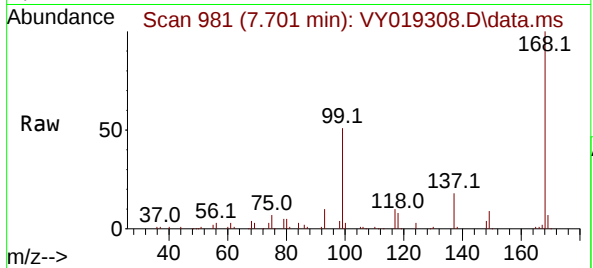




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019308.D
Acq: 28 Aug 2024 02:34

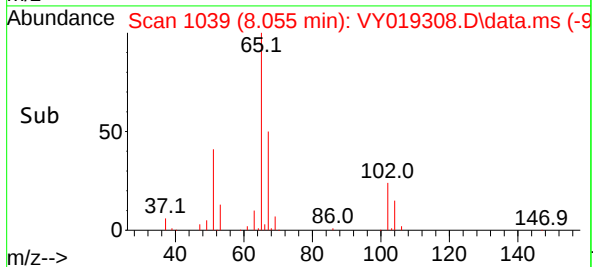
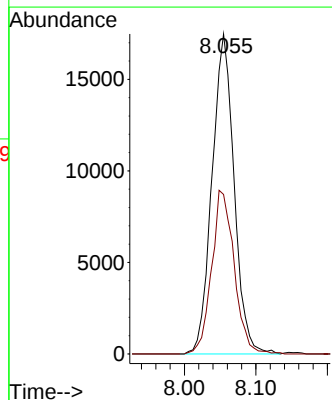
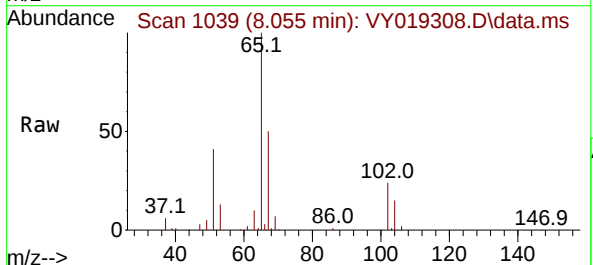
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tgt Ion:168 Resp: 70908
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.741 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019308.D
Acq: 28 Aug 2024 02:34

Tgt Ion: 65 Resp: 37488
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

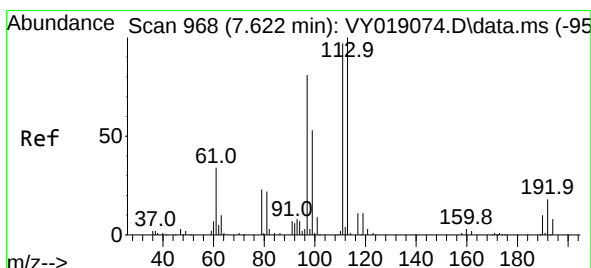
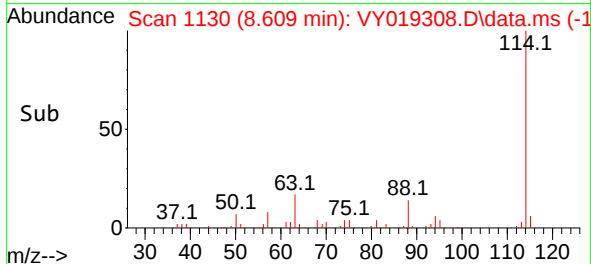
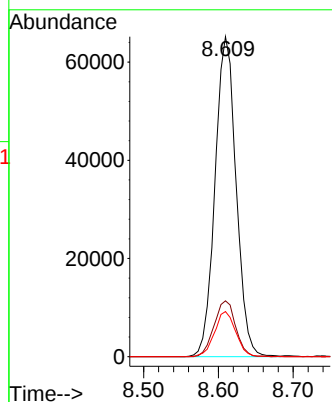
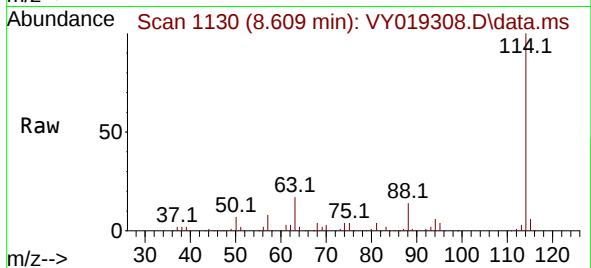




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019308.D
Acq: 28 Aug 2024 02:34

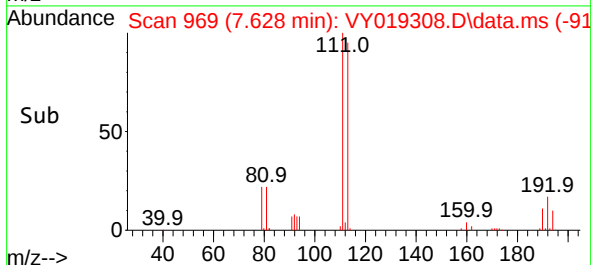
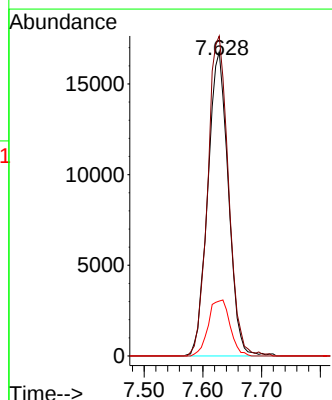
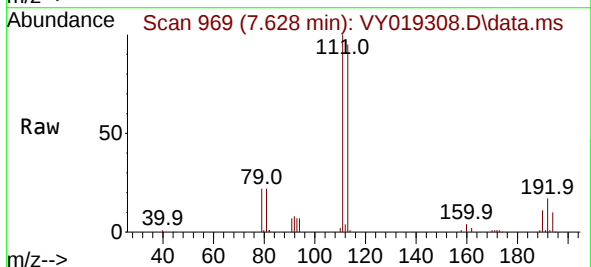
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

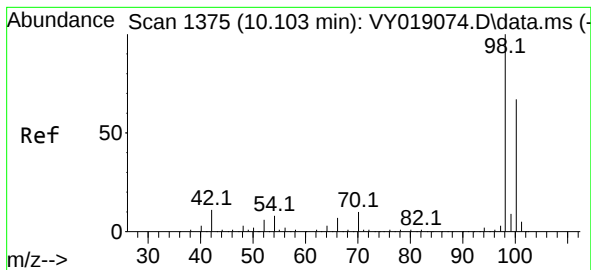
Tgt Ion:114 Resp: 127660
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 14.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.878 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019308.D
Acq: 28 Aug 2024 02:34

Tgt Ion:113 Resp: 40799
Ion Ratio Lower Upper
113 100
111 106.1 82.2 123.4
192 19.4 15.9 23.9





#50

Toluene-d8

Concen: 48.546 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019308.D

Acq: 28 Aug 2024 02:34

Instrument :

MSVOA_Y

ClientSampleId :

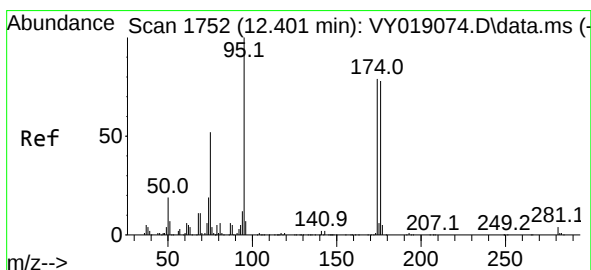
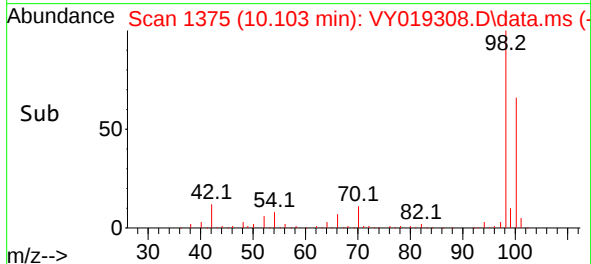
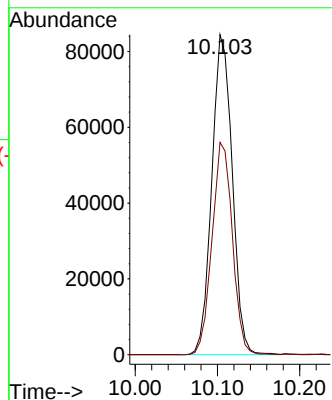
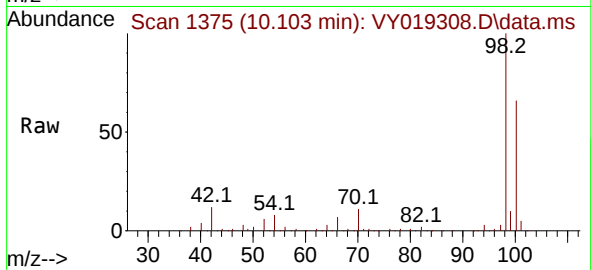
TP-5

Tgt Ion: 98 Resp: 145826

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.644 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019308.D

Acq: 28 Aug 2024 02:34

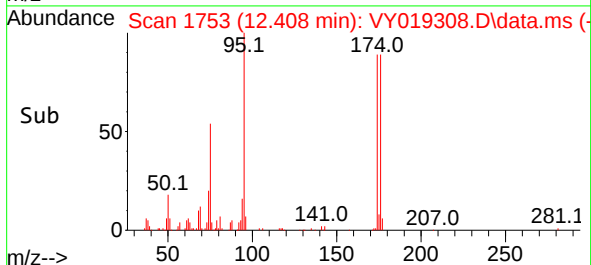
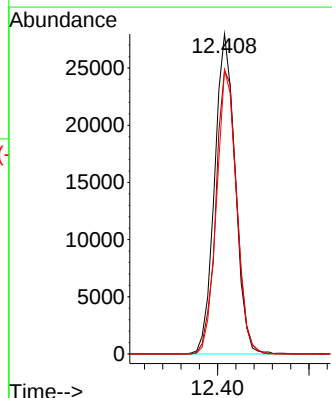
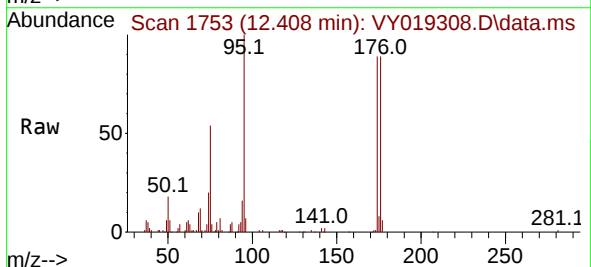
Tgt Ion: 95 Resp: 43668

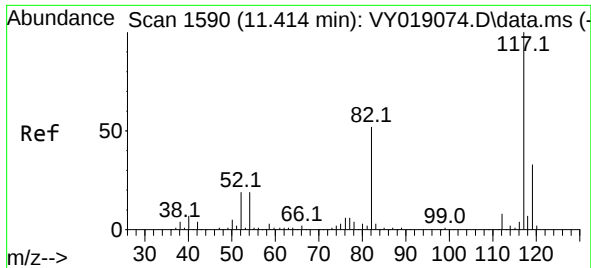
Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.6

176 86.2 0.0 171.4

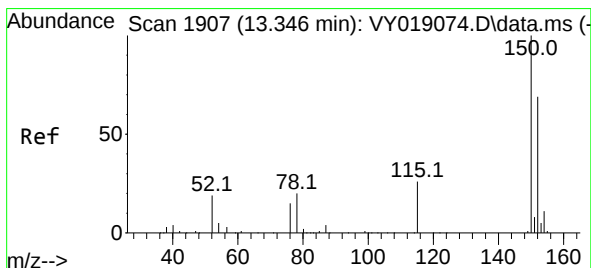
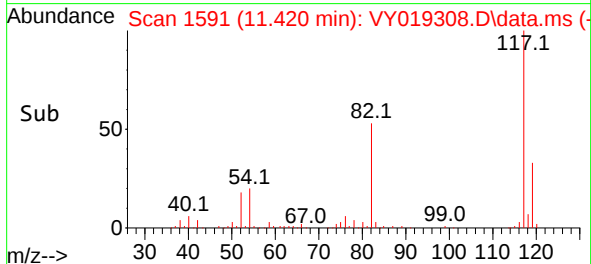
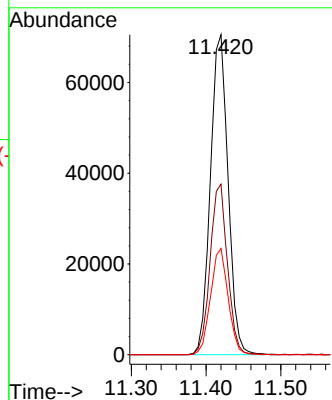
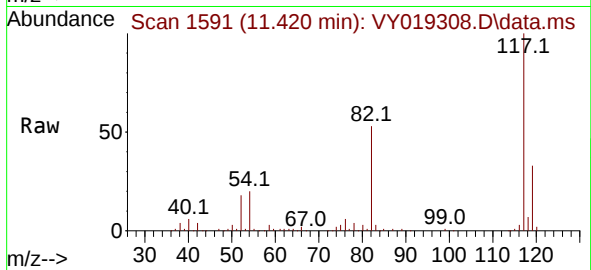




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019308.D
Acq: 28 Aug 2024 02:34

Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 115834
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019308.D
Acq: 28 Aug 2024 02:34

Tgt Ion:152 Resp: 46154
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 154.2 0.0 345.6

